



News Release

United States Navy

Space and Naval Warfare Systems Command
Public Affairs and Corporate Communications
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For Release at 5:00 p.m. EDT
Release Nr. CA-99-28
Wednesday, July 7, 1999

Space & Naval Warfare Systems Center Awards Contract

SAN DIEGO — Silicon Valley Group, Incorporated, of Wilton, Conn., is being awarded, a cost reimbursable, cost sharing contract at an estimated cost of \$7,870,007 for development of innovative semiconductor lithography technology to enable pattern transfer of wafers of features 100 nanometers (nm) and below. The contract will further research, development and engineering processes that will be used by industry to mass produce advanced semiconductors. SVG Inc., will develop technologies for automatic focusing lithographic systems such as EUV and 157 nm to keep the resist layer on the wafer always at the point of best focus; investigate and demonstrate a coarse, scanning magnetic bearing vacuum substage for printing line width below 100 nm and for overlaying circuit patterns to within 25 nm all at high throughput rates such as 40 300 millimeter wafers-per-hour; and develop technology to compensate for low order thermally-induced optical aberrations and to maintain the magnitude of high order aberrations at a level required for printing line width below 100 nm and for overlaying circuit patterns to within 25 nm at throughput rates of 60 300 millimeter wafers per hour or better. Work will be performed in Stratford, Connecticut (90 percent) and San Jose, California (10 percent). The period of performance is from June 30, 1999 through June 29, 2002. Contract funds in the amount of \$1,303,200 will expire September 30, 2000. This contract was competitively procured through a Broad Agency Announcement (BAA 99-14) published by the Defense Advance Research Projects Agency (DARPA). In response to that announcement, 77 proposal abstracts were received and 25 were selected for award; this award combines three of the successful proposals. Space and Naval Warfare Systems Center San Diego, is the contracting agent (N66001-99-C-8625).

For more information contact:

Contractor point of contact is Mr. Frank Mecca, Contracts Manager, Silicon Valley Group, Incorporated, Lithography Division, 77 Danbury Road, Wilton, CT 06897-8017, 203-761-4589.

SSC San Diego point of contact is Ms. Patricia Ponce-Feliu, contract negotiator, 619-553-9742.

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